

What is claimed is:

Claims

- 1 1. A method of processing a reception of an order on-line business comprising  
2 the steps of:  
3 carrying out processing for receiving an on-line input of order information on  
4 specified business from an orderer and processing for obtaining payment certifying  
5 information for certifying payment for the order; and  
6 after receiving the order information, supplying the orderer on on-line output  
7 of information indicating that the order has been received, before a result of  
8 authorization about the payment certifying information is presented.
- 1 2. A method of processing a reception of an order on on-line business as claimed  
2 in claim 1 wherein  
3 the payment certifying information is information for certifying that the  
4 payment is made using a credit card.
- 1 3. A method of processing a reception of an order on on-line business comprising  
2 the steps of:  
3 carrying out processing for receiving an on-line input of order information on  
4 specified business from an orderer, and processing for obtaining payment certifying  
5 information for certifying payment for the order;  
6 after receiving the order information, supplying the orderer an on-line output  
7 of information indicating that the order has been received; and

8           after receiving the order information, carrying out processing for requesting  
9   authorization about the payment certifying information.

1   4.     A method of processing a reception of an order on on-line business as claimed  
2   in claim 3 wherein  
3           the payment certifying information is information for certifying that the  
4   payment is made using a credit card.

1   5.     A system for processing business which receives an order on business through  
2   a network comprising:

3           order reception processing means for carrying out processing for receiving an  
4   on-line input of order information on specified business from an orderer carried out  
5   through the network, and processing for obtaining payment certifying information for  
6   certifying payment for the order; and

7           authorization request processing means for carrying out processing for  
8   requesting authorization about the payment certifying information,

9           the order reception processing means, on receiving the input of the order  
10   information, carrying out processing for transmitting information indicating that the  
11   order has been received to the orderer through the network, and the processing for  
12   requesting the authorization.

1   6.     A system for processing business as claimed in claim 5 wherein

2           the order reception processing means and the authorization request processing  
3   means comprise hardware systems different from each other, the order reception

4 processing means comprising a first system, and the authorization request processing  
5 means comprising a second system,  
6 the first system comprising means for transmitting the payment certifying  
7 information to the second means, and  
8 the second system comprising means for receiving the payment certifying information  
9 from the first system.

1 7. A system for processing business as claimed in claim 5 wherein  
2 the authorization request processing means carries out processing, as the processing  
3 for requesting the authorization, for transmitting the payment certifying information  
4 to a payment relay center specified beforehand.

1 8. A system for processing business a claimed in claim 5 wherein  
2 the payment certifying information is information for certifying the payment using a  
3 credit card.

1 9. A system for processing business as claimed in claim 5 wherein  
2 the order reception processing means receives the order of purchasing goods as  
3 business.

1 10. A system for processing business as claimed in claim 6 wherein  
2 a plurality of the second systems are disposed,  
3 the first system further comprises means for selecting the second system being  
4 to transmit the payment certifying information, and

5 the means for selecting the second system selects on second system from the  
6 plurality of the second systems.

1 11. A system for processing business as claimed in claim 6 wherein  
2 the first system further comprises means for accumulating a specified amount  
3 of the payment certifying information and thereafter transmitting the accumulated  
4 information to the second system in batches.

1 12. A system for processing business which receives an order on business on a  
2 Web page comprising:  
3 order reception processing means for carrying out processing for receiving an  
4 on-line input of order information on specified business carried out on the Web page,  
5 and processing for obtaining payment certifying information for certifying payment  
6 for the order; and  
7 authorization request processing means for carrying out processing for  
8 requesting authorization about the payment certifying information.  
9 the order reception processing means, on receiving the input of the order  
10 information, carrying out processing for displaying on the Web page information  
11 indicating that the order has been received, and the processing for displaying being  
12 carried out separately from the processing for requesting the authorization.

1 13. A system for processing business as claimed in claim 12 wherein  
2 the order reception processing means and the authorization request processing  
3 means comprise hardware systems different from each other, the order reception

4 processing means comprising a first system, and the authorization request processing  
5 means comprising a second system,  
6 the first system comprising means for transmitting the payment certifying  
7 information to the second means, and  
8 the second system comprising means for receiving the payment certifying information  
9 from the first system.

1 14. A system for processing business as claimed in claim 12 wherein  
2 the authorization request processing means carries out processing, as the processing  
3 for requesting the authorization, for transmitting the payment certifying information  
4 to a payment relay center specified beforehand.

1 15. A system for processing business a claimed in claim 12 wherein  
2 the payment certifying information is information for certifying the payment using a  
3 credit card.

1 16. A system for processing business as claimed in claim 12 wherein  
2 the order reception processing means receives the order of purchasing goods as  
3 business.

1 17. A system for processing business as claimed in claim 13 wherein  
2 a plurality of the second systems are disposed,  
3 the first system further comprises means for selecting the second system being  
4 to transmit the payment certifying information, and

5 the means for selecting the second system selects on second system from the  
6 plurality of the second systems.

1 18. A system for processing business as claimed in claim 13 wherein  
2 the first system further comprises means for accumulating a specified amount  
3 of the payment certifying information and thereafter transmitting the accumulated  
4 information to the second system in batches.

1 19. A system for processing business which receives an order on business on a  
2 Web page comprising:  
3 a first system carrying out processing for receiving; and  
4 a second system carrying out processing for requesting authorization,  
5 the first system comprising:  
6 authorization request processing means for carrying out processing for  
7 requesting an authorization about the payment certifying information: and  
8 means for receiving the payment certifying information from the first system,  
9 the order reception processing means, on receiving the input of the order  
10 information, carrying out processing for displaying on the Web page information  
11 indicating that the order has been received, and the processing for displaying being  
12 carried out separately from the processing for requesting the authorization.

1 20. A system for processing business as claimed in claim 19 wherein  
2 a plurality of the second systems are disposed,  
3 the first system further comprises means for selecting the second system being  
4 to transmit the payment certifying information, and

5 the means for selecting the second system selects on second system from the  
6 plurality of the second systems.

1 21. A system for processing business as claimed in claim 19 wherein  
2 the first system further comprises means for accumulating a specified amount  
3 of the payment certifying information and thereafter transmitting the accumulated  
4 information to the second system in batches.

1 22. A system for processing business as claimed in claim 19 wherein  
2 the authorization request processing means carries out processing, as the processing  
3 for requesting the authorization, for transmitting the payment certifying information  
4 to a payment relay center specified beforehand.

1 23. A system for processing business a claimed in claim 4, 5, 7 10, 16 or 17  
2 wherein  
3 the payment certifying information is information for certifying the payment using a  
4 credit card.

1 24. A system for processing business as claimed in claim 4, 5, 7, 10, 16 or 17  
2 wherein  
3 the order reception processing means receives the order of purchasing goods as  
4 business.

1 25. A system for processing business which receives an order for purchasing  
2 business which receives an order for purchasing goods on a Web page comprising:  
3 a first system comprising:  
4 order reception processing means for carrying out processing for receiving an  
5 on-line input of order information on specified business carried out on the Web page,  
6 and processing for obtaining payment certifying information for certifying payment  
7 for the order;  
8 first authorization request processing means for carrying out processing for  
9 requesting an authorization about the payment certifying information; and  
10 payment certifying information transmitting means for transmitting outside  
11 payment certifying information corresponding to an authorization request for which  
12 the first authorization request processing means carries out not processing; and  
13 one or more second systems each comprising:  
14 payment certifying information receiving means for receiving the payment  
15 certifying information transmitted from the first system; and  
16 second authorization request processing means for carrying out processing for  
17 requesting authorization about the received payment certifying information,  
18 the order reception processing means, on receiving the input of the order  
19 information, carrying out processing for displaying on the Web page information  
20 indicating that the order has been received, and the processing for displaying being  
21 carried out separately from the processing for requesting the authorization.

1 26. A system for processing business as claimed in claim 25 wherein  
2 the first system and the one or more second systems are connected through  
3 communication lines, and



4 the first authorization request transmitting means in the first system transmits  
5 the payment certifying information to the second systems through the communication  
6 lines.

1 27. A system for processing business as claimed in claim 25 wherein  
2 the authorization request processing means carries out processing, as the processing  
3 for requesting the authorization, for transmitting the payment certifying information  
4 to a payment relay center specified beforehand.

1 28. A system for processing business as claimed in claim 25 wherein  
2 the payment certifying information is information for certifying the payment using a  
3 credit card.

1 29. A system for processing business as claimed in claim 25 wherein  
2 the order reception processing means receives the order of purchasing goods as  
3 business.

1 30. A system for processing business as claimed in claim 29 wherein  
2 the first authorization request processing means in the first system and the second  
3 authorization request processing means in the second system share the processing for  
4 requesting the authorization.

1 31. A system for processing business as claimed in claim 30 wherein  
2 the second authorization request processing means in the second system functions as  
3 an auxiliary system which is operated when an amount of the processing for  
4 requesting authorization exceeds a processing capacity of the first authorization  
5 request processing means in the first system.

1 32. A system for processing business as claimed in claim 30 wherein  
2 the first system further comprises means for accumulating a specified amount of the  
3 payment certifying information for which the request for authorization is necessary,  
4 and for transmitting thereafter the accumulated information to the second system in  
5 batches.

1 33. A system for processing business as claimed in claim 30 wherein  
2 the authorization request processing means carries out processing, as the processing  
3 for requesting the authorization, for transmitting the payment certifying information  
4 to a payment relay center specified beforehand.

1 34. A system for processing business as claimed in claim 31 wherein  
2 the first system further comprises means for accumulating a specified amount of the  
3 payment certifying information for which the request for authorization is necessary,  
4 and for transmitting thereafter the accumulated information to the second system in  
5 batches.

1 35. A system for processing business which receives an order for purchasing  
2 goods on a Web page comprising:  
3 a first system carrying out  
4 order receiving processing in which there are carried out processing for  
5 receiving an on-line input of order information on specified business carried out on  
6 the Web page, and processing for obtaining payment certifying information for  
7 certifying payment for the order; and  
8 processing for requesting authorization about the payment certifying  
9 information; and  
10 second system carrying out processing for requesting authorization which is  
11 not processed in the first system,  
12 the first system, on receiving the input of the order information indicating that the  
13 order has been received, and the processing for displaying being carried out separately  
14 from the processing for requesting the authorization

1 36. A system for processing business as claimed in 35 wherein  
2 the payment certifying information is information for certifying the payment using a  
3 credit card.

1 37. A system for processing business as claimed in claim 35 wherein  
2 the order reception processing means receives the order of purchasing goods as  
3 business.

1 38. A system for processing business which receives an order for purchasing  
2 goods on a Web page comprising:  
3 order reception processing means for carrying out processing for receiving on-  
4 line input of order information on specified business carried out on the Web page, and  
5 processing for obtaining payment certifying information for certifying payment for  
6 the order; and  
7 authorization request transmission means for transmitting outside a request for  
8 authorization about the payment certifying information,  
9 the order reception processing means, on receiving the input of the order information  
10 indicating that the order has been received, and the processing for displaying being  
11 carried out separately from the processing for requesting the authorization.

1 39. A system for processing business as claimed in claim 38 wherein  
2 the payment certifying information is information for certifying the payment using a  
3 credit card.

1 40. A system for processing business as claimed in claim 38 wherein  
2 the order reception processing means receives the order of purchasing goods  
3 as business.